

- L. caricifolia* Schltr., 18590 (type), MO 923896.
L. chlorantha Schltr., 17147 (type), MO 923912.
L. confusa J. J. Smith (*L. flaccida* Schltr.), 16361, MO 926742.
L. dolichobulbon Schltr., 17224, MO 923922; 19054, MO 923913.
L. graciliscapa Schltr., 19189, MO 923926.
L. leptopus Schltr., 19629 (type), MO 926750.
L. mapaniifolia Schltr., 19322 (type), MO 926752.
L. melanoglossa Schltr., 17425, MO 923893; 19526, MO 923895.
L. nebuligena Schltr., 16961, MO 923921.
L. neoguineensis Schltr., 16803, MO 923915.
L. ovalis Schltr., 18056 (type), MO 923924.
L. persimilis Schltr., 18999 (type), MO 923908.
L. truncicola Schltr., 16674 (type), MO 923919.

Woods notes that the distribution of Schlechter's duplicates in other genera might follow a pattern similar to that found for *Liparis*. After selecting at random the small genus *Plocoglottis* Blume with 10 recognized species from New Guinea (Schlechter, loc. cit. 401-411, 1912), I suspect that Woods is correct. MO has three sheets of which two are type collections:

- P. maculata* Schltr., 19316 (type), MO 926713.
P. papuana Schltr., 17006, MO 924072.
P. sakiensis Schltr., 18285 (type), MO 924071.

In tracing extant duplicates of Schlechter and others from Berlin, taxonomists should consider the likelihood of material at the Missouri Botanical Garden not only in the *Orchidaceae*, but in other families as well.—Walter H. Lewis, Missouri Botanical Garden, St. Louis.

MESECHITES PILOSISSIMA WOODSON (APOCYNACEAE) NEW TO PERU

Mesechites pilosissima Woodson, sp. nov.

Frutices volubiles per omnes partes plus minusve dense fulvo-pilosi superficie superiore foliorum excepta, caulibus gracilibus internodis elongatis. *Folia* longiuscule petiolata lamina late ovato-elliptica acute subcaudato-acuminata basi rotundata 10-17 cm longa 4-9 cm lata firmiter membranacea opaca subtus pallidore nervo medio basi supra pauciglanduligero, petiolo 1.5-2.0 cm longo habitu cirrhi saepe contorto. *Inflorescentia* alternatim axillaris dichotome bostrycinis densius pilosa pendunculo petiolo subaequilongo pluriflora. *Flos* albidus pedicellis ca 1 cm longis, laciniis calycis latiuscule trigonalibus acutis ca 5 mm longis corollae salverformis tubo cylindrico ca 2.5 cm longo prope medium constricto ibique staminigero deinde paulo ampliato apicem versus ostio ca 3 mm diam lobis oblique dolabriformibus ca 1.2 cm longis patulis, antheris anguste oblongis ca 5 mm longis glabris, ovariis oblongoideis ca 2 mm longis minute puberulo-papillatis glandulis

nectarii depresso quadratis humilibus stylo gracili stigmatate anguste umbraculiformi ca 4 mm longo. *Folliculi* juvenes graciles dense pilosi.

PERU. JAEN: forest, Cajamarca, alt 500 m, 27 March 1960, *Woytkowski* 5604 (holotypus MO, isotypi G, GH, US).

Description of a new *Mesechites* is a rather distasteful task, but seems really necessary here. The flowers are so large and the pilose indument so copious that at first glance I mistook the specimen for an *Odontadenia*. Two other species of *Mesechites* are pubescent, but the indument is a rather inconspicuous puberulence and the flowers of each are about half the size of those of *M. pilosissima*.—*Robert E. Woodson, Jr., Missouri Botanical Garden, St. Louis* (posthumously).

PIPER AND PEPEROMIA (PIPERACEAE) NEW TO PANAMA

Piper boquetense Yuncker, sp. nov.

Frutex ca 1 m altus; internodiis floriferis gracilibus conferte villosis, pilis 0.5-0.75 mm longis. *Foliis* subrhombico-ellipticis, apice longe acuminatis, basi oblique valde inaequilateralibus, latere uno usque ad 5 mm brevioribus rotundatis obtusis latere longiore rotundatis cordulatis, a medio infero pinnatim venosis, venis utrinque 5-6, laminae facie supra glabra infra in venas pubescente; petiolo 2-4 + 3-5 mm longo conferte villosa sub base vaginato. *Bracteis* triangulari-subpeltatis fimbriatis. *Drupa* subglobosa glabra; stigmatibus sessilibus.

Shrub about 1 m high, branching; stem somewhat nodose, the upper internodes slender, 2-5 cm long, densely villous, the hairs 0.5-0.75 mm long, crisply erect. *Leaves* subrhombic-elliptical, long-acuminate at apex, the base obliquely inequilateral with one side up to 5 mm shorter at the petiole, rounded obtuse, the longer and wider side more rounded and cordulate, 6-8 cm wide and 14-17 cm long, glabrous above, the nerves beneath pubescent with the midrib subvillous, the hairs suberect, pinnately nerved to about the middle, the nerves 5 or 6 on each side, the uppermost continuing to the apex, with slender cross-connecting anastomosing nervules, drying chartaceous, translucent; petiole 2-4 + 3-5 mm long, or up to 1 cm on lower leaves densely villous, vaginate toward the base. *Spikes* 3 mm thick and 6-10 cm long, apiculate, the peduncle 10-12 mm long, pubescent, the bracts triangular-subpeltate with villous pedicel, the rachis ridges villous with the hairs nearly as long as the bracts, the stamens 3. *Fruit* subglobose, with convex apex and sessile linear stigmas.

PANAMA. CHIRIQUÍ: vic of Boquette, Finca Collins, alt 1650 m, 24 July 1959, *Stern, Chambers, Dwyer & Ebinger* 1150 (holotypus MO, isotypus GH).

This species somewhat resembles *P. culebranum* C. DC., but differs in having more densely pubescent stems and more rhombic-shaped leaves which are broader below the middle and glabrous on the upper surface.